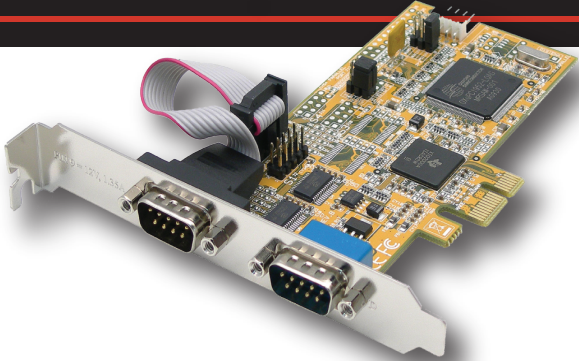


# MSC-202A-V2

2-Port RS-232 PCI Express Card



## Features

- ▶ Full x1 PCI Express Throughput, 250Mbytes/sec
- ▶ Fully Compliant with PCI Express Base Specifications, Revision 1.0a
- ▶ UARTs Fully Compatible with 16C550-type Devices
- ▶ Baud Rate up to 921.6Kbps
- ▶ 128-byte deep FIFO per transmitter and receiver
- ▶ Detection of Bad Data in the Receiver FIFO
- ▶ 9-bit Data Framing, as well as 5,6,7 and 8 bits
- ▶ Provides 5V or 12V Power over Serial Connectors
- ▶ Automated in-band flow control using programmable Xon/Xoff in both directions
- ▶ Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#

## Specifications

### System

Fully Compliant with x1 PCI Express Base Specifications 1.0a

### Serial Port(s)

2 x Serial Ports

### Serial Interface

2 x DB9-Male Connectors

### Host Controller

Fully 16C550 and 16C950 UART compatible

### FIFO

128-byte High Performance FIFO size

### Baud Rate

Up to 921.6Kbps

### Data Bits

5, 6, 7, 8, 9-bit Data Framing

### Flow Control

Automated in band flow control using programmable Xon/Xoff in both directions

### Data Signal

Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#

### Power over Serial

Provides 5V or 12V over DB9 Connectors

### OS Support

Windows 9x, Me, XP, NT, 2000, 2003, Vista, and Linux

### Operating Temperature

0 to 55°C (32 to 131°F)

### Operating Humidity

10% to 90% relative humidity (non-condensing)

### Storage Temperature

-40 to 75°C (-40 to 167°F)

### Storage Humidity

5% to 95% relative humidity (non-condensing)

### Dimensions

4.72 x 2.60" (12.00 x 6.60cm)

### Warranty

5-Year Warranty

## Ordering Information

**MSC-202A-V2**      2-Port RS-232 PCI Express Card, Supports Power Over Pin-9

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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